

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

479.58-6

SERIAL NO.

09/929,770

APPLICANT(S)

Napoleone Ferrara, et al.

FILING DATE

August 14, 2001

GROUP

1647

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	4,670,394	6/2/1987	H.B. Pollard et al.	435	240	
	4,801,542	1/31/1989	M.J. Murray et al.	435	172.3	
	4,738,927	4/19/1988	T. Taniguchi et al.	435	243	
	4,783,412	11/8/1988	G.I. Bell et al.	435	240.1	
	4,721,672	1/26/1988	B.L. Vallee et al.	435	70	
	4,456,550	6/26/1984	Dvorak et al.	424	158.1	
	5,008,196	4/16/1991	Connolly et al.	435	240.2	8/21/1987
<i>✓</i>	5,073,492	12/17/1991	Chen et al.	435	240.2	6/9/1987

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>JS</i>	WO9102058	21/2/1991	Patent Cooperation Treaty				<i>✓</i>
	03709896	6/30/1990	PCT	C12N	15/12		<i>✓</i>
<i>JS</i>	<del>WO84/021</del>	<del>6/7/1984</del>	<del>PCT</del>	<del>C07C</del>	<del>7/00</del>		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JS</i>	Ferrara et al. Proc. Nat. Acad. Sci. USA Vol. 84 (1987), pp. 5773-5777.
<i>↓</i>	G. Conn et al, "Purification of a glycoprotein vascular endothelial cell mitogen from a rat glioma-derived cell line", Proc. Nat. Acad. Sci. USA, Vol. 87 (1990), pp. 1323-1327.

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STATEMENT**

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ATTY. DOCKET NO.

479.58-3

SERIAL NO.

O/ 360,235

APPLICANT

N. FERRARA et al.

FILING DATE

6/1/89

GROUP

186

**REFERENCE DESIGNATION**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5 0 0 8 1 9 6	4/16/91	Connolly et al.	435/240	2	Duplicate Citation
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**FOREIGN PATENT DOCUMENTS**

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	AL	W 0 9 1 9 2 0 5 8	published 21/2/91	Patent Cooperation Treaty				
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**ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Edmund Tischer et al., "Vascular Endothelial Growth Factor: A New Member of the Platelet-Derived Growth Factor Gene Family," Biochemical & Biophysical Research Communications, Vol.165(3), pp. 1198-1206.
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	AT	

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of 360,235

APPLICANT Napoleone Ferrara, et al.

FILING DATE June 1, 1989

**GROUP**

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U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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**OTHER**

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APPLICANT NAPOLEONE FERRARA, et al.

FILING DATE June 1, 1989

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FOREIGN PATENT DOCUMENTS

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ART (Including Author, Title, Date, Pertinent Pages,  
Etc.)

J	1	G. Beck et al., "Isolation and Characterization of a Vascular Permeability Factor from Stimulated U937 Cells", J. Leukocyte Bio. Vol. 42:5 (1987), p. 568.
K	2	J.M. Bruce et al., "Vascular Permeability induced by protein product of malignant brain tumors: inhibition by dexamethasone", J. Neurosurg., Vol. 67 (1987), pp. 880-884.
L	3	G.R. Criscuolo et al., "Further characterization of malignant glioma-derived vascular permeability factor", J. Neurosurg., Vol. 69 (1988), pp. 254-262.
M	4	G. Gospodarowicz et al., "Isolation and characterization of a vascular endothelial cell mitogen produced by pituitary-derived folliculo stellate cells", Proc. Nat. Acad. Sci., Vol. 86 (1989), pp. 7311-7315.
N	5	J. Plouet et al., "Isolation and characterization of a newly identified endothelial cell mitogen produced by Atf-20 cells", EMBO J., Vol. 8:12 (1989), pp. 3801-3806.

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J	6	G. Conn et al., "Purification of a glycoprotein vascular endothelial cell mitogen from a rat glioma-derived cell line", Proc. Nat. Acad. Sci. USA, Vol. 87 (1990), pp. 1323-1327.
K	7	G. Conn, "Amino acid and cDNA sequences of a vascular endothelial cell mitogen that is homologous to platelet-derived growth factor", Proc. Nat. Acad. Sci., Vol. 87 (1990), pp. 2628-2632.
L	8	D.R. Senger et al., "Purification of NH <sub>2</sub> -Terminal Amino Acid Sequence of Guinea Pig Tumor-secreted Vascular Permeability Factor", Cancer Res., Vol 50 (1990), pp. 1774-1778.
M	9	N. Ferrara et al., "The Vascular Endothelial Growth Factor Family of Polypeptides", J. Cell Biochem., Vol. 47 (1991), pp. 211-218.
N	10	C. de Vries et al., "The fms-Like Tyrosine Kinase, a Receptor for Vascular Endothelial Growth Factor", Science, Vol. 255 (1992), pp. 989-991.

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*Specto* 3/17/01

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NAPOLIONE FERRARA ET AL.

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	AL	0 3 7 0 9 8 9	6/30/90	Brussels	C12N	15/12	
	AM	W 0 8 4 0 2 1	6/7/84	PCT	C07G	7/00	
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*duplicate  
incomplete citation.*

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AR	B.W. Leung, Science, Vol. 246, p. 1306, (December 8, 1989).
AS	P.J. Keck, et al. Science, Vol. 246, p. 1309, (December 8, 1989).
AT	G.E. Lemke, et al. Journal of Neuroscience, Vol. 4 No. 1, p. 75 (January 1984).

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(Information Disclosure Statement—Section 9 PTO-1449 (Modified) (6-11), page 1 of 6)



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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	N. Ferrara, et al., Biochemical and Biophysical Research Communications, Vol. 161, No. 2, p. 851 (June 15, 1989)
AS	D. Gospodarowicz, et al. Biochemistry, Vol. 86 p. 882 (1989)
AT	D. Gospodarowicz, et al. as submitted earlier to related U.S. Patent Appl. Ser. No. 07/346,169, filed May 2, 1990.

Not a proper  
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AR	N. Ling, et al. Biochemistry, Vol. 82, pg. 7217 November 1985).
AS	N. Ueno, et al., Biochemistry Vol. 84, pg. 8282 (December 1987).
AT	S. Shimasaki, et al., Biochemical and Research Communications, Vol. 152, pg. 717, (April 29, 1988).

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AR	D. M. Robertson et al. Biochemical Biophysical Research Communications, Vol. 149, No. 2, pg. 744 (December 16, 1987).
AS	D.R. Senger, et al. Cancer Research, Vol. 46 p. 5629, (November 1986).
AT	D.T. Connolly, et al., J. Clinical Investigation, Vol. 84 p. 1470 (November 1989).

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ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	D.T. Connelly, et al., Journal of Biological Chemistry Vol. 264, #44, p. 20017 (1989).
AS	F.Ishikawa, et al., Nature, Vol. 338 pg. 557 (April 1989).
AT	D.R. Senger et al., Science, Vol. 219 p. 983 (Feb. 25, 1983).

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OTHER

ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	J.S. Rubin, et al. Proc. Natl. Acad. Sci, U.S.A., Vol. 86 p. 802, (February 1989).
AS	
AT	

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